

DATA MASTER PENELITIAN

TEMPAT: PUSKESMAS PABELAN (Kelompok Kontrol)

NO	NAMA	UMUR	JENIS KELAMIN	PEKERJAAN	BERAT BADAN	TINGGI BADAN	JENIS TENS	VAS						TOTAL VAS
								0	1	2	3	4	5	
1	Tri Astuk	51	L	Petani	69	160	Konvensional	80	70	70	60	40	30	350
2	Jumdi	66	L	Pensiunan	55	160	Konvensional	80	80	70	60	40	30	360
3	Moch. Dalam	72	L	Pedagang	78	163	Konvensional	70	70	65	50	40	30	325
4	Saptana	45	L	Guru	58	161	Konvensional	80	80	70	50	40	30	350
5	Ambar S	66	L	Guru	62	161	Konvensional	70	70	60	50	40	30	320
6	Suyatikan	49	L	Pedagang	70	159	Konvensional	70	70	60	50	40	25	315
7	Karinah	70	P	IRT	54	157	Konvensional	80	80	70	60	40	30	360
8	Sri R	50	P	Wirausaha	54	162	Konvensional	70	70	60	55	40	30	325
9	Suparti	70	P	Pedagang	49	156	Konvensional	80	80	70	60	50	30	370
10	Suryati	61	P	Petani	60	157	Konvensional	70	60	50	50	40	30	300
11	Sukjem	56	P	IRT	70	159	Konvensional	70	70	60	65	40	30	335
12	Surati	60	P	Petani	55	155	Konvensional	60	60	50	40	30	35	275
13	Rochmatullaili	66	P	Pensiunan	70	167	Konvensional	80	80	70	60	50	40	380
14	Elisabeth	44	P	Petani	56	170	Konvensional	80	80	70	60	50	40	380
15	Kasiyem	53	P	IRT	70	152	Konvensional	70	70	60	50	40	30	320
	Jumlah	879			930	2399		1110	1090	955	820	620	470	5065
	Rata-rata	58.6			62	159.933		74.00	72.667	63.667	54.667	41.333	31.333	337.667
	Tertinggi	72			78	170		80	80	70	65	50	40	380
	Terendah	44			49	152		60	60	50	40	30	25	275

DATA MASTER PENELITIAN

TEMPAT: PANTI WREDA DHARMA BHAKTI SURAKARTA (Kelompok Perlakuan)

NO	NAMA	UMUR	JENIS KELAMIN	PEKERJAAN	BERAT BADAN	TINGGI BADAN	JENIS TENS	VAS						TOTAL VAS
								0	1	2	3	4	5	
1	Sumilir	79	P	-	78	163	AL Tens	80	80	70	60	40	30	360
2	Suratmi	71	P	-	60	152	AL Tens	70	60	60	50	20	10	270
3	Hartono	61	L	-	53	165	AL Tens	60	60	50	45	40	30	285
4	Supriyanto	78	L	Pelayaran	67	169	AL Tens	95	90	80	50	40	30	385
5	Sumantri	85	L	Swasta	62	165	AL Tens	90	85	80	40	20	10	325
6	Wiyaji	60	L	Swasta	63	165	AL Tens	85	80	65	60	50	30	370
7	Hadi	75	L	Sopir	71	168	AL Tens	90	80	70	50	20	10	320
8	Ruminah	63	P	-	60	155	AL Tens	75	75	70	50	40	30	340
9	Surati	83	P	-	50	160	AL Tens	70	70	50	40	30	10	270
10	Warsilah	84	P	-	45	145	AL Tens	60	60	50	45	30	20	265
11	Surati	83	P	-	47	150	AL Tens	85	80	70	60	50	40	385
12	Rumminah	63	P	-	57	155	AL Tens	90	80	75	60	40	20	365
13	Broto	69	P	-	50	148	AL Tens	70	70	60	60	50	30	340
14	Sumirah	87	P	-	55	160	AL Tens	90	90	70	60	50	40	400
15	Payem	65	P	-	49	153	AL Tens	70	60	50	45	20	10	255
	Jumlah	1106			867	2373		1180	1120	970	775	540	350	4935
	Rata-rata	73.733			57.8	158.2		78.67	74.67	64.67	51.67	36.00	23.33	329
	Tertinggi	87			78	169		95	90	80	60	50	40	400
	Terendah	60			45	145		60	60	50	40	20	10	255

T-Test: Sebelum Pemberian TENS (T 0)

Group Statistics

	KELOMPOK	N	Mean	Std. Deviation	Std. Error Mean
VAS0	KONTROL	15	74.00	6.325	1.633
	PERLAKUAN	15	78.67	11.568	2.987

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
VAS0	Equal variances assumed	9.702	.004	-1.371	28	.181	-4.667	3.404	-11.639	2.306
	Equal variances not assumed			-1.371	21.684	.184	-4.667	3.404	-11.732	2.399

T-Test: Sesaat setelah pemberian TENS (T 1)

Group Statistics

	KELOMPOK	N	Mean	Std. Deviation	Std. Error Mean
VAS1	KONTROL	15	72.67	7.037	1.817
	PERLAKUAN	15	74.67	10.768	2.780

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
VAS1	Equal variances assumed	3.790	.062	-.602	28	.552	-2.000	3.321	-8.804	4.804
	Equal variances not assumed			-.602	24.114	.553	-2.000	3.321	-8.853	4.853

T-Test: Setelah 30 Menit Pemberian TENS (T 2)

Group Statistics

	KELOMPOK	N	Mean	Std. Deviation	Std. Error Mean
VAS2	KONTROL	15	63.67	7.188	1.856
	PERLAKUAN	15	64.67	10.768	2.780

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
VAS2	Equal variances assumed	3.340	.078	-.299	28	.767	-1.000	3.343	-7.848	5.848
	Equal variances not assumed			-.299	24.410	.767	-1.000	3.343	-7.893	5.893

T-Test: Setelah 60 Menit Pemberian TENS (T 3)

Group Statistics

	KELOMPOK	N	Mean	Std. Deviation	Std. Error Mean
VAS3	KONTROL	15	54.67	6.673	1.723
	PERLAKUAN	15	51.67	7.715	1.992

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
VAS3	Equal variances assumed	.659	.424	1.139	28	.264	3.000	2.634	-2.395	8.395
	Equal variances not assumed			1.139	27.430	.265	3.000	2.634	-2.400	8.400

T-Test: Setelah 90 Menit Pemberian TENS (T 4)

Group Statistics

	KELOMPOK	N	Mean	Std. Deviation	Std. Error Mean
VAS4	KONTROL	15	41.33	5.164	1.333
	PERLAKUAN	15	36.00	11.832	3.055

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
VAS4	Equal variances assumed	15.231	.001	1.600	28	.121	5.333	3.333	-1.495	12.161
	Equal variances not assumed			1.600	19.147	.126	5.333	3.333	-1.640	12.306

T-Test: Setelah 120 Menit Pemberian TENS (T 5)

Group Statistics

KELOMPOK	N	Mean	Std. Deviation	Std. Error Mean
VAS5 KONTROL	15	31.33	3.994	1.031
PERLAKUAN	15	23.33	11.127	2.873

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
VAS5	Equal variances assumed	25.247	.000	2.621	28	.014	8.000	3.052	1.747	14.253
	Equal variances not assumed			2.621	17.549	.018	8.000	3.052	1.575	14.425

T-Test: T 0 (Sebelum Pemberian TENS kelompok Kontrol & Perlakuan)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	VAS0_Kontrol	74.00	15	6.325	1.633
	VAS0_Perlakuan	78.67	15	11.568	2.987

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	VAS0_Kontrol & VAS0_Perlakuan	15	.029	.917

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	VAS0_Kontrol - VAS0_Perlakuan	-4.667	13.020	3.362	-11.877	2.544	-1.388	14	.187

T-Test: T 1 (Sesaat setelah Pemberian TENS kelompok Kontrol & Perlakuan)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	VAS1_Kontrol	72.67	15	7.037	1.817
	VAS1_Perlakuan	74.67	15	10.768	2.780

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	VAS1_Kontrol & VAS1_Perlakuan	15	.201	.472

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	VAS1_Kontrol - VAS1_Perlakuan	-2.000	11.619	3.000	-8.434	4.434	-.667	14	.516

T-Test: T 2 (Setelah 30 menit Pemberian TENS kelompok Kontrol & Perlakuan)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	VAS2_Kontrol	63.67	15	7.188	1.856
	VAS2_Perlakuan	64.67	15	10.768	2.780

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	VAS2_Kontrol & VAS2_Perlakuan	15	.040	.887

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	VAS2_Kontrol - VAS2_Perlakuan	-1.000	12.705	3.281	-8.036	6.036	-.305	14	.765

T-Test: T 3 (Setelah 60 menit Pemberian TENS kelompok Kontrol & Perlakuan)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	VAS3_Kontrol	54.67	15	6.673	1.723
	VAS3_Perlakuan	51.67	15	7.715	1.992

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	VAS3_Kontrol & VAS3_Perlakuan	15	.185	.509

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	VAS3_Kontrol - VAS3_Perlakuan	3.000	9.220	2.380	-2.106	8.106	1.260	14	.228

T-Test: T 4 (Setelah 90 menit Pemberian TENS kelompok Kontrol & Perlakuan)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	VAS4_Kontrol	41.33	15	5.164	1.333
	VAS4_Perlakuan	36.00	15	11.832	3.055

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	VAS4_Kontrol & VAS4_Perlakuan	15	.210	.452

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	VAS4_Kontrol - VAS4_Perlakuan	5.333	11.872	3.065	-1.241	11.908	1.740	14	.104

T-Test: T 5 (Setelah 120 menit Pemberian TENS kelompok Kontrol & Perlakuan)

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	VAS5_Kontrol	31.33	15	3.994	1.031
	VAS5_Perlakuan	23.33	15	11.127	2.873

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	VAS5_Kontrol & VAS5_Perlakuan	15	.295	.286

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	VAS5_Kontrol - VAS5_Perlakuan	8.000	10.657	2.752	2.098	13.902	2.907	14	.011

T-Test: Perubahan Nilai Nyeri T kelompok Kontrol & Perlakuan

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	VAS_Kontrol	337.67	15	30.170	7.790
	VAS_Perlakuan	329.00	15	49.324	12.735

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	VAS_Kontrol & VAS_Perlakuan	15	.096	.735

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	VAS_Kontrol - VAS_Perlakuan	8.667	55.307	14.280	-21.961	39.294	.607	14	.554

T-Test: Perbedaan T antara kelompok Kontrol dengan Perlakuan

Group Statistics

KELOMPOK		N	Mean	Std. Deviation	Std. Error Mean
VAS	KONTROL	15	337.67	30.170	7.790
	PERLAKUAN	15	329.00	49.324	12.735

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
VAS	Equal variances assumed	5.245	.030	.581	28	.566	8.667	14.929	-21.914	39.247
	Equal variances not assumed			.581	23.190	.567	8.667	14.929	-22.202	39.536

Deskripsi Data

KELOMPOK		UMUR	BB	TB	VAS
KONTROL	Mean	58.60	62.33	153.60	337.67
	N	15	15	15	15
	Std. Deviation	9.530	8.304	26.254	30.170
	Minimum	44	49	60	275
	Maximum	72	78	170	380
	Range	28	29	110	105
	Sum	879	935	2304	5065
PERLAKUAN	Mean	73.73	57.80	158.20	329.00
	N	15	15	15	15
	Std. Deviation	9.691	9.382	7.618	49.324
	Minimum	60	45	145	255
	Maximum	87	78	169	400
	Range	27	33	24	145
	Sum	1106	867	2373	4935
Total	Mean	66.17	60.07	155.90	333.33
	N	30	30	30	30
	Std. Deviation	12.183	9.005	19.137	40.415
	Minimum	44	45	60	255
	Maximum	87	78	170	400
	Range	43	33	110	145
	Sum	1985	1802	4677	10000

UJI NORMALITAS

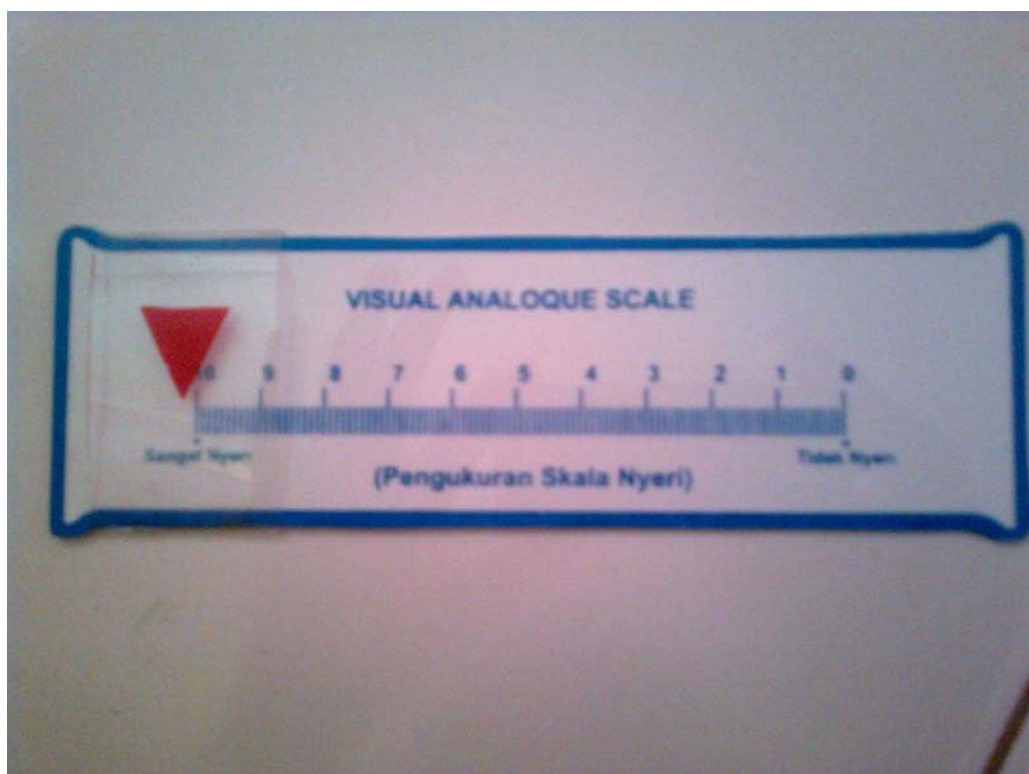
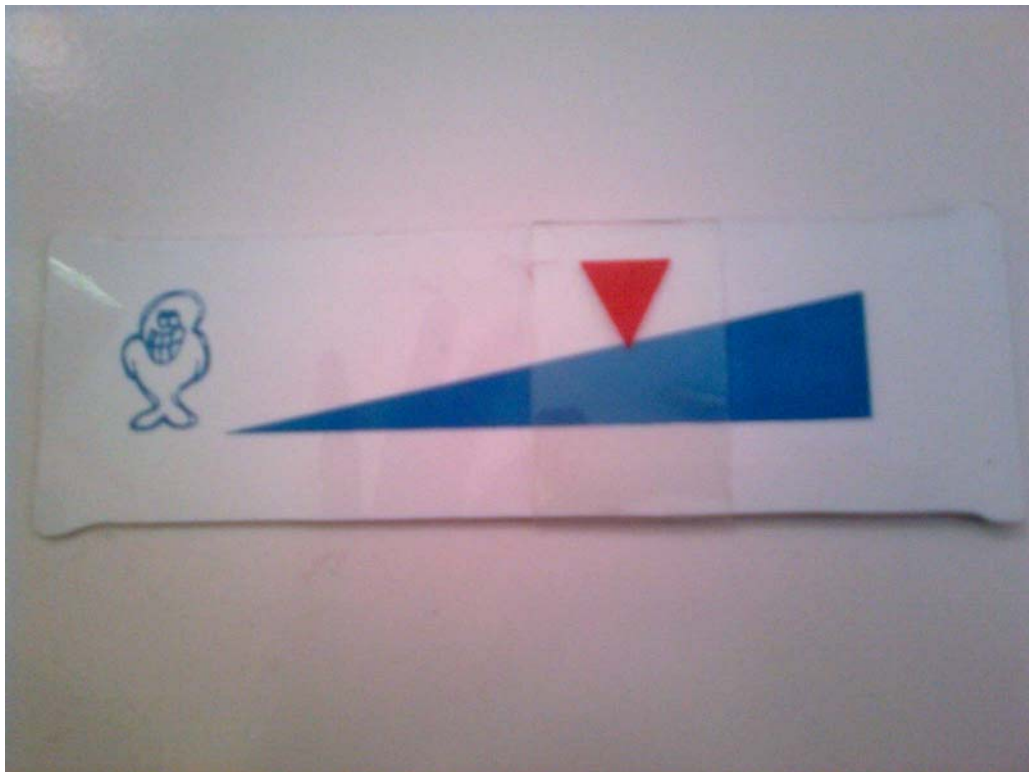
One-Sample Kolmogorov-Smirnov Test

		VAS_Kontrol	VAS_ Perlakuan
N		15	15
Normal Parameters ^{a,b}	Mean	337.67	329.00
	Std. Deviation	30.170	49.324
Most Extreme Differences	Absolute	.129	.151
	Positive	.129	.151
	Negative	-.125	-.135
Kolmogorov-Smirnov Z		.501	.584
Asymp. Sig. (2-tailed)		.963	.884

a. Test distribution is Normal.

b. Calculated from data.

PUSKESMAS











DI PANTI WERDHA

